

CONVAIR
A Division of General Dynamics Corporation
(San Diego)

DESIGN INFORMATION BULLETIN

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CONVAIR REPORT NO. ZM-22-005

PAGE: 1

MODEL 22 AIRPLANE

DATE: 10-4-56

AUTOMATIC FLIGHT CONTROL SYSTEM

Ref. (a) TWA Letter of Agreement No. 11

Referenced Letter of Agreement is quoted as follows:

"Convair's Detail Specification Report No. ZD-22-002 dated 6-1-56 revised 9-7-56, provides for an automatic flight control system designated as PB-20. Convair agrees to analyze and review all advanced type automatic flight control systems which can reasonably be considered available for installation in the aircraft and to advise you of the results of such further analysis and study."

The above requirement is quite clear, however, its presence in the contract requires that we take immediate action to complete this study and submit same to TWA and Delta for review. Obviously, if there is to be any other autopilot used in this airplane without affecting deliveries, very early decisions must be made as to the choice. It is, therefore, requested that this study, in the form of one complete engineering report, be submitted through the Project Office no later than January 1, 1957.



R. R. Hoover
Chief Design Engineer



A. J. Savard
Project Engineer